

CLAIMS (17)

- 1) Rolled or batt insulation material with paper facing Fig 1, the batt insulation clearly showing vertical and horizontal elastic pre-folded self adhesive tape end with built in extensions. Fig 1-A. The horizontal flange marker the start of hanging the insulation fasteners.
- 2) When the insulation bays are uneven, which is very common in renovations one worker can still install easily starting from the top or bottom flange Fig 1-B.
- 3) If the insulation bay is uneven the worker would start from the top and place the insulation to one side or the other for a tight fit, then the worker would fill in the other side with insulation to fill in the empty gap. Then the worker would use the elastic extended flap to cover the insulation for a tight fit Fig 1-C
- 4) Showing the batt face insulation with pre-measuring marks on so there is no need for a measuring tape Fig 2-A. The rolled insulation Fig 3-A clearly shows pre-measuring marks for every eight feet on the paper face ,foil face or un face.
- 5) Fig 2 has all four flaps open and against the wall Fig 2-B. The double sided adhesive tape shown with the flaps sealed against the paper face so to be installed in a crawl space with the other side being pushed up against the bottom side of the floor Fig 4-A.
- 6) The extended flange works well when one would need extra space below or above preexisting plumbing, wires and other items that would get in your way.
- 7) Reinforce paper pre-folded hanger straps that have double sided adhesive or tape ends, which very easily go down and around the un-faced section of the insulation for a secure fit to the floor joist, rafters or walls so the insulation wont fall down Fig 5-B.
- 8) Fig 6 –A shows indivisible self adhesive tape ends. And the paper insulation holder that is not only extra wide so as to hold the insulation better, but is very strong and permanent Fig 6-B.
- 9) The insulation batts can be easily attached by the ends since there is double sided tape or adhesive, so these is no open space to allow the loss of air ventilation or not to let heat or air conditioning escape, so there is no condensation build up. The rolled insulation can be cut at any length and rejoined, because of the double adhesive tape or adhesive ends can be re-taped Fig 3
- (10) The paper hangers that are extra wide and heavy duty can easily reversed from one side of the insulation to the other side Fig 5-B. And the extra heavy and reinforced paper hanger can easily be removed from the batt or rolled insulation and reconnected for another application Fig 6-B.
- 11) The double sided self adhesive tape or adhesive is water resistant, so if there is a

build up of water condensation, one would not have to worry about the insulation flanges failing, because of the many tacks that have adhesive on the ends for added strength.

- 12) Because of the extra wide and extra strong flange, you are all so able to encapsulated the insulation whether or not the batts are rolled insulation, by simply folding all the corners and attaching them to each other and can be easily hung from its own paper hangers.
- 13) When the worker is installing the tack full flange with adhesive material attach to all the tacks, all she or he has to do is to push in and the many self sealing tacks with adhesive at there ends that are in he full flange automatically stick to any surface fig 7-A.
- 14) Any one in the profession would just look and see how much work can be done in a shorter amount of time and completely safe for the installer that's using any kind of gloves Fig 9-A. There is no need for any kind of staple gun ,nails or spring wire for installing this new and improved insulation.
- 15) This full flange tack insulation with adhesive at there ends will not fall down when installing vertical or horizontal. Because of the many tacks with adhesive digging in to any kind of surface and becoming part of that surface and never letting go.
- 16) This insulation is the most cost efficient and user friendly ever to be built and installed. As with all the other kinds of insulation that is being built to day, the instillation is still a very hard and time consuming.
- 17) This is the newest and best way to install insulation , and the owner of the structure can be assured that once this insulation is installed, it will not fall apart ,fall down or fall from the original area that it was first installed. History and time has proven over the years, insulation as we know it, has been falling down and out from the constant pulling from gravity and structure movements, and human error on installation. The basic design and construction are unchanged for over one hundred years as well as the same basic instillation instructions from the many different manufactures.

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August 14, 2007
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